

# Oil Field Environmental Incident Summary

**Incident:** 20140724170600

**Date/Time of Notice:** 07/24/2014 17:06

**Responsible Party:** OMIMEX PETROLEUM, INC.

**Well Operator:** OMIMEX PETROLEUM, INC.

**Well Name:** FRITZ A 1-R

**Field Name:** ROCKY RIDGE

**Well File #:** 8527

**Date Incident:** 7/23/2014

**Time Incident:** 16:30

**Facility ID Number:**

**County:** BILLINGS

**Twp:** 137

**Rng:** 100

**Sec:** 22

**Qtr:**

**Location Description:**

**Submitted By:** JARED LOUP

**Received By:**

**Contact Person:** Rajeev Lal  
7950 JOHN T. WHITE ROAD  
FORT WORTH, TX 76120

**General Land Use:** Well/Facility Site

**Affected Medium:** Well/Facility Soil

**Distance Nearest Occupied Building:** 1 Mile

**Distance Nearest Water Well:** 5466 Feet

**Type of Incident:** Treater Leak

**Release Contained in Dike:** Yes - Within Dike

**Reported to NRC:** No

	Spilled	Units	Recovered	Units	Followup	Units
Oil	4	Barrels			4	barrels
Brine	4	Barrels			4	barrels
Other						

**Description of Other Released Contaminant:**

**Inspected:**

**Written Report Received:** 10/22/2014

**Clean Up Concluded:** 10/2/2014

**Risk Evaluation:**

Contaminated soil on facilities location that needs to be cleaned.

**Areal Extent:**

Estimated 5 ft wide by 80 ft long

**Potential Environmental Impacts:**

There should be no major harmful effects, as Omimex has already started cleanup process. The ground will be thoroughly cleaned so as not to cause any harmful environmental impacts.

**Action Taken or Planned:**

Leak detected on a nipple located at bottom of heater treater. Oil and Salt Water sprayed out of leaking nipple. Leak stopped by putting blind on leaking nipple, treater depressurized and isolated. Estimated 8 barrel oil and salt water on ground. Dike built around leak (size is 5' X 80') and clean up process started. Oil on ground is heavy and will need to be cleaned with hot water and sucked up from ground using a hot oil truck and affected area will be cleaned up and remediated. Surface owner and tenant informed.

**Wastes Disposal Location:** MBI Energy Services  
P.O. Box 458  
Belfield, ND 58622  
Bus: 701-575-8242

**Agencies Involved:****Updates**

**Date:** 7/25/2014    **Status:** Reviewed - Follow-up Required

**Author:** Roberts, Kris

**Updated Oil Volume:**

**Updated Salt Water Volume:**

**Updated Other Volume:**

**Updated Other Contaminant**

**Notes:**

Release from a treater leak appears to have sprayed off location. Wording indicates referenced diking was built around the sprayed area after the fact. Followup is necessary.

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**Date:** 8/8/2014      **Status:** Inspection

**Author:** Martin, Russell

**Updated Oil Volume:**

**Updated Salt Water Volume:**

**Updated Other Volume:**

**Updated Other Contaminant**

**Notes:**

8/8/2014 at 13:20, on location. Well site is very overgrown. Wellhead is separated from tank battery and heater treater by about 500 ft, based on satellite maps. Spill appears to have flowed out of the heater treater on the north side of the tank battery/heater treater area and went northeast. Area has been scraped a bit, so exact extent hard to determine. It is possible the initial spill did not escape boundary of tank/heater fence line. Currently, there is visibly contaminated soil in a pile with a dirt berm around it within the tank/heater fence line. However, there are spots (~1-2 in) scattered around the cleanup area and oily tire tracks in the grass to the northeast. A garbage pit with a pile of dirt to the northeast has oily tracks leading to the pile of dirt. It appears dirt was taken from this pile to construct the containment berm for the impacted soil within the fence line. Area outside of fence line appears to be frequented by cattle. Recommended contacting landowner to make sure no cattle enter area. Stream/drainage located between wellhead and tank/heater area appears unaffected by incident. No sheen in water. Called report contact and stressed need to get spots of impacted ground cleaned up and placed with the rest of the impacted material inside the earthen berm. Report contact will be sending crew back out to site.

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**Date:** 8/8/2014      **Status:** Correspondence

**Author:** Stockdill, Scott

**Updated Oil Volume:**

**Updated Salt Water Volume:**

**Updated Other Volume:**

**Updated Other Contaminant**

**Notes:**

14:51 8/8/2014.

Phone contact with company representative to inform the landowner to exclude cattle from the impacted area until the remediation is complete.

14:58 8/8/2014.

Company representative called back informing me that the tenant does not have cattle in the area. The contact assured the landowner that the remediation would be completed next week at which point he can return cattle to the area.

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**Date:** 8/19/2014    **Status:** Inspection

**Author:** Wax, Pete

**Updated Oil Volume:**

**Updated Salt Water Volume:**

**Updated Other Volume:**

**Updated Other Contaminant**

**Notes:**

On site 13:10; off site 14:45; clear with south wind at 8 mph; 83 degrees. Water samples and photographs collected. Note: bulls in pasture; remain alert. Nearest water 250 feet to the north. Water is intermittent tributary to the South Fork of Bull Creek. Pile of soil and vegetation with oil residue just inside of fence north of treater with no dike. Exposed to rain and runoff that will flow toward creek. Oil residue on standing vegetation extending from treater to within 30 feet of creek. Rubbish pile between treater and creek with a pile of soil in it. Found between five and ten small clumps a few inches in diameter with oil residue in this pile. Stream stained. No sheen or petroleum smell. Stream vegetation (both emergent and submergent) healthy. Macroinvertebrates and frogs observed. Creek divided by access road. Upstream of road crossing conductivity - 1030 us @ 25.5 degrees, pH 7.0, chloride tab 50 mg/L; downstream conductivity - 1335 us @ 25.5 degrees, pH 7, chloride tab 89 mg/L. Collected water sample at downstream location.

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**Date:** 8/20/2014    **Status:** Correspondence

**Author:** Martin, Russell

**Updated Oil Volume:**

**Updated Salt Water Volume:**

**Updated Other Volume:**

**Updated Other Contaminant**

**Notes:**

Phone call with Dr. McReynolds (Board of Animal Health) with surface landowner and surface tenant contact information.

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**Date:** 8/20/2014    **Status:** Correspondence

**Author:** Martin, Russell

**Updated Oil Volume:**

**Updated Salt Water Volume:**

**Updated Other Volume:**

**Updated Other Contaminant**

**Notes:**

Phone call with report contact for landowner name and contact information. Received surface owner and tenant names and phone numbers. Also received update on spill cleanup. According to report contact, area has been scraped. Impacted material is awaiting sampling to be completed by Bob's Oilfield Service performing cleanup at site. Once sampling is complete, it will be hauled by MBI Energy Services to Environmental Materials, Inc. Company plans to ultimately abandon and reclaim the well site.

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**Date:** 8/20/2014    **Status:** Correspondence

**Author:** Martin, Russell

**Updated Oil Volume:**

**Updated Salt Water Volume:**

**Updated Other Volume:**

**Updated Other Contaminant**

**Notes:**

Phone call with ND Dept. of Agriculture state vet's office at 8:57 a.m. State vet Dr. Keller is currently at a conference out of state, so talked with assistant state vet Dr. McReynolds on issues at wellpad. Notified them of location and owner of well, as well as cattle issues observed on site.

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**Date:** 9/5/2014    **Status:** Inspection

**Author:** Martin, Russell

**Updated Oil Volume:**

**Updated Salt Water Volume:**

**Updated Other Volume:**

**Updated Other Contaminant**

**Notes:**

9/5/2014 at 10:37, on location. Oily tracks no longer visible. Stained spots outside of wellpad fence still visible but less in number. Stained material within containment berm still on location within wellpad fence line. No sheen visible in tributary water. Cattle observed nearby; no fencing visible between cattle and staining outside of wellpad fence line.

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**Date:** 9/30/2014    **Status:** Inspection

**Author:** Martin, Russell

**Updated Oil Volume:**

**Updated Salt Water Volume:**

**Updated Other Volume:**

**Updated Other Contaminant**

**Notes:**

9/30/2014 at 12:24, on location. Impacted material still inside berm within facility fence. Spots of staining visible outside of facility fence. Phone call to report contact; impacted material sample results back, and material will be disposed of at EMI.

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**Date:** 9/16/2015    **Status:** Inspection

**Author:** Martin, Russell

**Updated Oil Volume:**

**Updated Salt Water Volume:**

**Updated Other Volume:**

**Updated Other Contaminant**

**Notes:**

9/17/2015 at 18:45, on location. Wellpad has been reclaimed. No visible staining outside or within reclaimed area. No further followup required.